| Ref<br>#  | Hits | Search Query   | DBs                 | Default<br>Operator | Plurals | Time Stamp       |
|-----------|------|--|---------------------|---------------------|---------|------------------|
| S2.       | 4    | (yoshihara-toshiaki shiroto-hironori<br>tadaki-shinji makino-tetsuya<br>kiyota-yoshinori kasahara-shigeo<br>betsui-keiichi) and (liquid adj<br>crystal) not (chiral ferroelectric<br>transition) | US-PGPUB;<br>USPAT  | OR                  | OFF     | 2004/10/07 14:11 |
| S4        | 73   | (yoshihara-toshiaki shiroto-hironori<br>tadaki-shinji makino-tetsuya<br>kiyota-yoshinori kasahara-shigeo<br>betsui-keiichi) not (liquid adj<br>crystal)  | US-PGPUB;<br>USPAT  | OR                  | OFF     | 2004/10/07 14:33 |
| S8 .      | 33   | "349"/\$.ccls. and (ferroelectric<br>ferro-electric) and (chiral with<br>smectic with transition with (electric<br>voltage volt))  | US-PGPUB;<br>USPAT  | OR                  | ON      | 2004/10/07 14:47 |
| S21       | 26   | "349"/\$.ccls. and ferroelectric and (transition with (chiral adj nematic) with smectic)   | US-PGPUB;<br>USPAT  | OR                  | OFF     | 2004/10/07 17:18 |
| S1.       |      | "20040041975"  | US-PGPUB;           | OR                  | OFF     | 2004/10/12 13:36 |
| S5        | 1    | "5617229".pn.  | US-PGPUB;<br>USPAT  | OR                  | OFF     | 2004/10/12 14:12 |
| \$7       | 18   | "349"/\$.ccls. and ((field color) adj<br>sequential) and reset   | US-PGPUB;<br>USPAT: | OR                  | OFF     | 2004/10/12 14:27 |
| S6        | 22   | "349"/\$.ccls. and ((field color) adj<br>sequential) and eras\$  | US-PGPUB;<br>USPAT  | OR                  | OFF     | 2004/10/12 14:27 |
| <b>S9</b> | 24   | "349"/\$.ccls: and (phase with isotropic with chiral with smectic with nematic with cholesteric)   | US-PGPUB;<br>USPAT  | OR                  | OFF     | 2004/10/22 18:03 |
| S10       | 55   | 349/133,134.ccls. and ((heat heating cool cooling) same (volt voltage electric)) and parallel  | US-PGPUB;<br>USPAT  | OR                  | OFF     | 2004/10/22 20:09 |
| <b>S3</b> | 34   | (yoshihara-toshiaki shiroto-hironori<br>tadaki-shinji makino-tetsuya<br>kiyota-yoshinori kasahara-shigeo<br>betsui-keiichi) and (liquid adj<br>crystal) and (chiral ferroelectric<br>transition) | US-PGPUB;<br>USPAT  | OR                  | OFF     | 2005/05/01-16:58 |
| S57       | 863  | 349/33,133,134,172,188,191.ccls.<br>not ((heat heating) with (chiral<br>smectic))  | US-PGPUB;<br>USPAT  | OR                  | OFF     | 2005/05/01 17:33 |
| S59       | 4    | 349/33,133,134,172,188,191.ccls.<br>and ((heat heating) with (chiral<br>smectic)) not (volt voltage<br>potential)  | US-PGPUB;<br>USPAT  | OR                  | OFF     | 2005/05/01 17:34 |

| S60 | 17 | 349/33,133,134,172,188,191.ccls.<br>and ((heat heating) with (chiral<br>smectic)) and (monostable<br>monostability) | US-PGPUB;<br>USPAT | OR | OFF  | 2005/05/01 17:38 |
|-----|----|---|--------------------|----|------|------------------|
| S58 | 56 |   | US-PGPUB;<br>USPAT | OR | OFF. | 2005/05/01-17:38 |